

Product datasheet for SC322575

IPO11 (NM_016338) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IPO11 (NM_016338) Human Untagged Clone
Tag:	Tag Free
Symbol:	IPO11
Synonyms:	RanBP11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322575
 CCACGCGTCCGGTTCCTAGAAGCCGCTTTCGGCATCAGTAGGCGCGCGCTGGGGTCTGG
 CAGCGTGGGAGAGGGACCAACCGACGCCACTTCGTGTTGGGAAGTGGGAGCGGGAGGGC
 CGGGCAATTCGCCACCGAACCAACCGGTTTCCATGGATCTCAATAGTGCCAGCACTGTTG
 TTCTTCAGGTGTTAACACAGGCCACCAGTCAGGATACTGCTGTGTTAAAACCAGCTGAGG
 AGCAGTTGAAGCAGTGGGAGACACAGCCAGTTTCTATTCAGTGTGCTGAATATTTTCA
 CCAACCACACTTTGGATATAAATGTAAGGTGGCTTGTCTACTGTATTTTAAACATGGAA
 TTGATCGCTACTGGAGACGTGTAGCACCTCATGCTCTCTCAGAGGAGGAGAAAATACTC
 TGCGTGCAGGGCTCATCACCACCTCAATGAACCAATAAACCAGATTGCAACTCAGATTG
 CAGTGCTCATTGCAAAAAGTTGCTAGATTGGATTGTCCAGACAGTGGCCTGAACTAATTC
 CCACTCTTATAGAGTCTGTTAAAGTCCAGGATGATCTTCGACAGCACAGGCATTACTTA
 CCTTCTATCATGTTACCAAGACTGGCATCTAAACGACTTGCTGCTGATAGAAAATAT
 TTTATGATTTAGCTTCTGGAATTTATAATTTTGCCTGCTCTCTGTGGAATCACCACACAG
 ACACATTCCTGCAAGAAGTTTCTTCTGGCAATGAAGCTGCAATTTTGAGTTCACTAGAAC
 GAACACTGCTATCATTGAAAGTGTGCGTAAGTTAACTGTTAATGGATTGTGGAACCTC
 ATAAGAATATGGAGGTGATGGGTTTTTACATGGAATATTTGAACGTCTAAAACAGTTTC
 TGGAAATGCAGTAGAAGTATAGGTACAGATAATGTTTGTAGAGATAGACTGGAAAAGACCA
 TCATTCTTTTACTAAAAGTCTTTTGGACTTCTGGATCAGCATCCTTTTTTCATTTACTC
 CTCTAATTCAGAGATCACTGGAATTTTCTGTAAGCTATGTTTTTACAGAAGTTGGTGAAG
 GCGTTACATTTGAACGATTCATTGTCCAATGTATGAATCTTATTAAGATGATTGTCAAAA
 ATTATGCTTATAAGCCATCCAAAATTTTGAAGATAGCAGCCCTGAAACTCTGAAAGCCC
 ATAAGATTAAGATGGCATTCTTCACATATCCTACTTTGACAGAGATATGTAGAAGATTAG
 TCTCTCATTATTTCTATTAAGTGAAGAAGAACTGACAAATGTGGGAAGAAGACCCAGAAG
 GCTTTACAGTGGAAAGAACAGGAGGAGATTCTTGGAAATATAGTTTGGAGCCATGCACTG
 AAGTATTATTTATAGATATATCCATGAATATAATCAGACTCTTACTCCTGTACTTCTAG
 AAATGATGCAAACTTCAAGGACCCACAATGTGGAAGATATGAATGCACTGTTAATCA
 AAGATGCTGTGATAATGCTGTTGGATTAGCTGCTTATGAGCTCTTTCAGCTGTTGATT



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TTGATCAGTGGTTAAAAACCAGCTTCTCCAGAATTACAAGTCATTACAATAGGTATA
 AGCCATTGCGACGCAGGGTGATTTGGCTCATCGGTCAGTGGATTCTGTGAAATCAAGT
 CTGACTTAAGACCCATGCCTTATGAAGCAATCTGTAACCTGCTTCAAGATCAAGATTTAG
 TGGTCCGTATTGAAACAGCTACAACCTTTGAAGTAACTGTTGATGATTTTGAATTTAGAA
 CAGATCAGTTTCTACCGTATTTGGAAACCATGTTCACTACTTTTTCAGTTACTGCAGC
 AAGTTACAGAATGTGACACAAAGATGCATGTTTTGCATGCCTTTCTTGTGTGATCGAAA
 GAGTCAACATGCAGATACGACCATATGTGGGATGTTTGGTACAATATTTGCCCTCCTTT
 GGAAGCAGAGTGAAGAACAATATGTTGAGATGTCTATTTTGACAACACTTATTCATC
 TTGTTCCAGGGATTAGGAGCAGACAGCAAGAACCCTGTACCCTTTCTGCTCCCAGTTATTC
 AACTGAGTACAGATGTTTACAGCCTCCACATGTTTATCTTCTGGAAGATGGTTTAGAAT
 TATGGTTAGTAACTTTGAAAACAGTCCATGTATTACACCAGAGTTGCTTCGTATATTTT
 AGAATATGTCACCACTTCTTGAACCTAAGTTCAGAAAATCTTAGAACTTGCTTTAAGATCA
 TCAATGGTTATATCTTTTATCATCAACAGAATTTTACAGACATACGCAGTAGGTCTAT
 GCCAGTCTTTTGTGAACTTTTAAAGGAAATTAACAGAAAGTCAAGTTCAGGTGCTCA
 AGGTTGTGAAAAATGCCCTTAAAGTGAACCAATACTAGGTCCACAAATGTTTCAACCGA
 TTTTACCCTATGTTTTCAAGGGTATTATAGAAGGGGAGAGGTATCCTGTAGTGATGCCA
 CGTATCTTGGAGTTATGGGTCGAGTTCTACTACAAAACACTAGTTTTTTTTTCTTCACTAC
 TTAATGAGATGGCCATAAATTTAATCAGGAGATGGACCAGCTTTTGGGAAATATGATTG
 AAATGTGGGTTGATCGAATGGACAACATTACCCAGCCTGAAAGAAGAAAACCTTTTCACTT
 TGGCTTTGCTCTCTCTTCTGCCATCTGATAATAGTGTTATCCAAGATAAATCTGTGGGA
 TTATAAACATTTTCAAGTGAAGGCTGCATGATGTGATGACGGAAGATCCTGAAACAGGAA
 CTTATAAAGACTGTATGTTGATGTCATCTTGGGAACCAAAAAGTAAACAGAAGATGAAG
 AACCACCCACAGAACAAGATAAGAGGAAAAAGATGCTGGCCCTGAAGGACCCTGTTTATA
 CAGTGTCACTGCAGCAGTTCATCTACGAGAAGTCAAGGCACAGCAGGAGATGCTAGGAG
 AACAAAGTTTCCAGTCCCTCATGAAAACAGTGGATACGGAGATTGTCACCCAGCTACAGG
 AGTTTTTGAAGGATTCTAAGAGCACATGACATGTGGCTGCCTCCCTTTTCAAGAAACAAG
 CTGAGTAACCCAGCCTGCCGTTTGTATGTGAGAGCCTGCTGAGATGAAGAAATCACTTCA
 TGAAAATAAGCAAAGACCACACATTTTTTACTACAAAATGTAAGGATAAATGTAATCC
 TGCATAACTAAAAACAAAACCTATTCCTCAAAAAGAAATTAATTTTATATTTATGAGGGG
 GCCCTTCACTAAAAAGTACATGTAAGGATACATTTGATGACAATAGCTGCTTAGTTTCT
 GTTAAGAGAAGAACTTTATCTTTTAAATTAATGTCCTTAAATTTGAAGATGAGAGTTA
 ATACCTGAGATGTTTTCTGCAACCAAAATTCATTAATTTGGCTGCCTATCCTTTTTT
 TAAGCTAATGAAACTACAGGTTTAAAAATGACAAAGCTGTTTCAAGATGATGCTATTAAG
 AAATGTGTGACTAAGCAAAAATATATAAATAGTGACAAATACACATTACCAAGCTTATC
 TTGCAAGGGAGTTATTTTTCATCTAACATAGAAAGTGTGTTTTATCAGACAAATGCTTTTA
 TTTTCATTCTAATAATTTGATACAGAAATAGTAAAGGCATTTTTTTCTTTTTTTTTTCCA
 GTAAATACATTGGGTCTATAAATGTGCATTTGTAAGGGCCACAAAAGTGAACGTGTGGTA
 CTGTAGTACCACGTGGGAGACCTCTGGTTATGGTTTAGTCCTAGTTCCTTTGTTACTCCT
 GTGAGCACCGAGAAGAAGTGGGCGACTCCAGTCCACCTGTGCTGTGACAGTCCCACGT
 GGCTATGACAGACTGTTTAGTACTTACCCTTCTCAGTTTCTCAGTGCAGGGGTGCATCA
 GGGCCTCAATAATAGGGGTATACCTGGGAGGATCCAGCAGTAATCCCCAGGGTACTAGGA
 TTAGTACTCTGATGGAAGTCTTCTTCTTCTTATTCTCGAACATGCAGTACATAA
 AAAGGGGAAAAGGAGAAAAAAAAGCCTTACTTTGTTTTACTTGCCATTTATTGTAAGGA
 AACTTTAAAGCATTTTTTAGGAAATACTCAAAGCAAGGTTGGAAAATGTTTTATCTTTC
 TATAGAAAAGTTGGGTACAGTATGTAAGTGCAGGAAACCCACTGCCCTTTGTAAGCTGTG
 GAACCCAACTGTATGGGATATTTGATGTTTTAGAAAAGAGGAAGAAAATATGGTCCAA
 ATTAATTTTTCCAAAGATAA
 AAAAAA

Restriction Sites: Please inquire

ACCN: NM_016338

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_016338.3 , NP_057422.3
RefSeq Size:	4399 bp
RefSeq ORF:	2928 bp
Locus ID:	51194
UniProt ID:	Q9UI26
Cytogenetics:	5q12.1
Domains:	IBN_NT
Gene Summary:	<p>Importins, including IPO11, are a members of the karyopherin/importin-beta family of transport receptors (see KPNB1; 602738) that mediate nucleocytoplasmic transport of protein and RNA cargoes (Plafker and Macara, 2000 [PubMed 11032817]).[supplied by OMIM, Sep 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and uses a downstream translation initiation codon, compared to variant 1. The resulting isoform (2) is shorter at the N-terminus, compared to isoform 1.</p>